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4, 1997, which is a continuation-in-part of and claims priority to U.S. patent application serial No. 08/628,773, filed April 5, 1996, now issued as U.S.

Patent No. 5,788,625. - -

In the Claims

Please cancel claims 1 - 48.

Please add new claims 49 -54 as follows:

a2

49. A method of reconstructing a joint having two bones separated by cartilaginous material, said method comprising

removing a portion of the cartilaginous material to create a defect site;

positioning an anatomically shaped reconstructive structure comprising

multiple layers of submucosa and having a thickness of about 1 to about 12 millimeters

adjacent to said defect site; and

securing said reconstructive structure to said defect site.

- The method of claim 49 wherein said cartilaginous material is hyaline cartilage.
- 51. The method of claim 49 wherein said cartilaginous material is elastic cartilage.
- 52. The method of claim 49 wherein said cartilaginous material is fibrocartilage.